

# Export Control Coordinators Organization

## 2013 Training Seminar

### BIOS

#### **Stephen Baker**

U.S. Nuclear Regulatory Commission  
Office of International Programs  
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Mr. Stephen Baker is presently a Licensing Officer in the U.S. Nuclear Regulatory Commission's Office of International Programs, Export Controls and International Organizations Branch. Mr. Baker has worked in this capacity since joining the NRC in October of 2006. Mr. Baker's primary responsibilities include reviews of licensing actions for byproduct material exports, handling of import/export enforcement cases, and outreach assignments. Before becoming an NRC Licensing Officer, he worked for 24 years in what is now known as the Bureau of Industry and Security at the Department of Commerce (DoC) in increasing roles of responsibility, including as a processing clerk, an export enforcement analyst, and as a member of the export Control Automated Support System (ECASS) Project Management Team to automate DoC's export license processes. Mr. Baker later served in a Liaison role with the Office of Management and Budget for the DoC's Information Collection/Paperwork Reduction Act responsibilities, and finally, as an Industry Analyst in the Office of Strategic Industries and Economic Security.

Biography: **William D. Chappell**

August 2013

W. D. (Bill) Chappell, Export Compliance Manager and Empowered Official of the Y-12 National Security Complex in Oak Ridge, Tennessee. Y-12 is currently operated by B&W Y-12, and is part of the Department of Energy's National Security Enterprise. Bill earned a Bachelor's of Science in Mechanical Engineering from the University of Virginia, followed by a Masters in Business from Boston University. At Y-12, prior to becoming Export Compliance Manager in 1998, Bill was a Design and Industrial Engineer, and Contracts Manager. Bill has also been a derivative classifier for Y-12 for over 17 years. Bill served as the Vice Chair and Chair of ECCO in 2009 and 2010 and this is his 14<sup>th</sup> consecutive ECCO.

#### **Judith Ann Currie**

Senior Export Policy Analyst  
Information Technology Controls Division  
Office of National Security and Technology Transfer Controls  
Bureau of Industry and Security  
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The Information Technology Controls Division (ITCD) is responsible for managing the controls on export of computers, telecommunications and information security (including encryption) commodities, software and technology.

Ms. Currie has worked with encryption export control policy and implementation for 15 years since the 1997 transfer of encryption controls from the Department of State to the Department of Commerce. Her responsibilities have included precedent-setting export licenses and encryption reviews and representing the U.S. Department of Commerce in interagency meetings and discussions and international meetings including the Wassenaar Arrangement.

She has a B.S. in Chemistry and a Masters in Public Finance and completed the course work for a Ph.D. in Economics at the University of North Carolina at Chapel Hill. Her professional background includes teaching college economics, policy analysis of federal programs, and running a computer training center. She has received numerous awards including Department of Commerce Gold Medal and several Bronze medals for her work in encryption control policy.

**Chuck Durant**  
**Counterintelligence Office**  
**U.S. Department of Energy**  
**Washington, DC**

Presented for Mike Donner.

**Krystee Ervin**

Krystee is a nonproliferation and export control specialist with the Nuclear Security and Isotope Development Division at Oak Ridge National Laboratory (ORNL). Her expertise lies in the interpretation and implementation of DOE, DOC, DOS, NRC and OFAC regulations. Her skills include export licensing, export control training and development, technology risk assessments and reviews, and high risk property reviews. She has extensive training and experience in nuclear nonproliferation, international agreements, and International Atomic Energy Agency (IAEA) requirements. Krystee came to the Oak Ridge K-25 plant in 1990, when she joined Martin Marietta Energy Systems to work on the DOE Waste Management Program. In 1997, she joined the management team for the Waste Isolation Pilot Plant (WIPP) in New Mexico, and she transferred to the High Flux Isotope Reactor (HFIR) in 1999. She has been working export control issues since 2002, where she has in-depth interactions with government agencies, the scientific and academic community, commercial industry, and international programs. She is a subject matter expert for international and domestic workshops in export control and nonproliferation. Krystee received her master's degree from the University of Tennessee in 2000.

**Ashley Fullenwider**

Ms. Ashley Fullenwider has over ten years of experience with the International Nonproliferation Export Control Program (INECP) at the National Nuclear Security Administration, part of the US Department of Energy. Ms. Fullenwider currently works for the Technical Nonproliferation Policy Support Section of the Nuclear Engineering Division at Argonne National Laboratory.

Ms. Fullenwider is part of the INECP core team for enterprise outreach cooperation with foreign partners. In this capacity, she has supported activities in Asia, South America, Europe and the former Soviet Union to develop enterprise outreach programs to address specific concerns and to strengthen export compliance. Ms. Fullenwider is the laboratory lead for INECP work in Armenia, Azerbaijan, Georgia and Ukraine. She has a Masters degree from Columbia University's School of International and Public Affairs, has lived and worked in Europe for three years, speaks Russian and un poquito de español.

**Gary Hagen**

In 2002, Gary Hagen retired from the U.S. Navy after 26 years of active duty. Following that, he worked for University of Idaho in Research & Sponsored Programs where he stood up an export compliance program from scratch. Gary joined Battelle at the Pacific Northwest National Laboratory in 2010. Upon his arrival, PNNL had exactly doubled their export controls staff. Gary was elected as Vice Chair of ECCO

in April 2012, and became Chair in January 2013 when Bill Bollinger retired from LLNL. Gary holds an MBA, has been married to his wife Barbara for almost 36 years, and together they have three adult children . . . none of whom have ever considered pursuing a career in export controls.

### **Bernard Kritzer**

Bernard Kritzer is the Director of the Office of Exporter Services (OExS). OExS is the focal point within BIS for outreach to the exporting community in Washington, D.C. and in two field offices in Newport Beach and Santa Clara, California. OExS is responsible for drafting and explaining the Export Administration Regulations, for receiving and handling the front end review of all export license applications, commodity classifications and advisory opinions, and for administering export compliance activities such as BIS's Special Comprehensive Licensing program. Prior to his current position, Mr. Kritzer was the Director of BIS's Office of National Security and Technology Transfer Controls where he oversaw the implementation of export controls instituted for national security reasons. In that capacity, Mr. Kritzer managed policy development and licensing requirements related to the Wassenaar Arrangement, deemed exports, encryption, and high performance computers. Mr. Kritzer also served the Director of the Treaty Compliance Division where he administered industry compliance responsibilities under the Chemical Weapons Convention and represented the Department of Commerce in the development of a compliance protocol to the Biological Weapons Convention. His other previous assignments include: Special Assistant to the Under Secretary of Commerce for International Trade; Senior Natural Gas Industry Analyst in the Department of Energy, Office of International Affairs, and Manager of the Foreign Nationals and Short Supply Staff.

Prior to joining the U.S. government, Mr. Kritzer worked for Exxon Corporation in New York. Mr. Kritzer holds a Master's degree from Columbia University in International Relations and Russian Studies.

### **DAVID MIRANDA**

David Miranda has over 16 years of comprehensive security and management experience in the NNSA/USDOE community. In 1997 David started out his security career as a Security Police Officer at Los Alamos National Laboratory (LANL). Under the Special Operations Department David served as a Lieutenant and received specialized training in counter terrorism Special Weapons and Tactics. David also served on the performance assurance team responsible for planning and testing Protective Force operations such as equipment, response, tactics and defensive strategies. In 2005, David joined the Security and Safeguards (S&S) Directorate that is charged with the LANL institutional mission of protecting special nuclear material, property, information, and personnel. The last eight years, David has successfully supported S&S working as a Specialist, Deployed Security Officer and Security Program Leader. These roles included great responsibilities in security operations, policy integration, performance assurance, program development and execution in multiple functional areas. David holds a M.A. in Business Administration and a B.S. in Management.

### **Evelyn Prestosh**

Evelyn Prestosh is a Foreign Affairs Specialist with the Department of Energy's National Nuclear Security Administration, Office of International Material Protection and Cooperation (NA-25). She is responsible for export control related issues with the Material Protection, Control & Accounting (MPC&A) Program, Second Line of Defense (SLD) Program and other international programs that assure nuclear materials are secured or used for peaceful purposes. She has been involved in all aspects of global trade compliance and licensing for 28 years.

Prior to joining DOE, Evelyn was the Director of Global Export Compliance and Strategy for the largest division of Honeywell Corporation where she was responsible for export compliance for 120+ countries. Evelyn's responsibilities have included developing and overseeing a corporate-wide program of global trade compliance including all facets of imports, exports and reexports.

Evelyn has strong ties to the Export- Import community, developing and opening up lines of communications to Commerce, State, and Defense departments, Customs and Border Protection, Census, Drug Enforcement Administration, Food and Drug Administration and the Nuclear Regulatory Commission. She has served as the Chairperson of the Export Committee of the National Council on International Trade Development, and is a member of the American Chemical Council.

Prior to joining Honeywell, Evelyn was Trade Compliance Team Lead at Air Products and Chemicals, Inc.

Evelyn holds a BA in Business from Moravian College, an Associate's degree in Information Technology from Allentown College and was pursuing her degree in BS in Chemical Engineering.

### **Alan Rittel**

Alan Rittel is the Sandia Empowered Official for export and import compliance activities. Alan has worked in Organization 4230, International Export/Trade Compliance since March 2011. Prior to employment at Sandia, Alan was the Export Compliance Leader at the Kansas City Plant managed by Honeywell Federal Manufacturing & Technologies. He has over 15 years experience in export and import regulatory compliance associated with compliance assessments, license applications, training and policies. Alan has been actively involved in the development of an export compliance program for the transition of nuclear weapon items from the International Traffic in Arms Regulations (ITAR) to the Atomic Energy Act (AEA). He is also a member of the Export Control Coordinator's Organization (ECCO) and chaired the organization in 2002 and 2008. Alan holds a B.A. degree in Business Management from the University of Missouri and Transportation Certificate from the University of Missouri, Kansas City.

### **Roger R Rodriguez**

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### **Brooke A. Samples**



Ms. Brooke Samples is the National Nuclear Security Administration's (NNSA) United States/United Kingdom (U.S./UK) Program Coordinator within the U.S. Department of Energy (DOE). She is responsible for supporting the nuclear weapons program responsibilities under the *1958 U.S./UK Agreement for Cooperation in the uses of Atomic Energy for Mutual Defense Purposes (Mutual Defense Agreement - MDA)*. In this role, Ms. Samples oversees joint U.S. and UK nuclear weapons research and development programs and technical Warhead exchanges, and she provides policy planning and program management expertise to evaluate and coordinate the exchange of atomic information and items under the MDA. As the NNSA Defense Programs Action Officer to implement the MDA, she manages all aspects of exchange under the MDA authorities, to include specific collaborations with the UK in the areas of weapon physics, nuclear and non-nuclear materials, chemistry and other technical information within the Nuclear Weapons Complex. She ensures all logistical and infrastructure issues are addressed to enable efficient information exchanges between the two nations.

Prior to her assignment in Defense Programs, Ms. Samples served as a National Security Analyst for

scientific, engineering, and technology applications company SAIC within the NNSA Nuclear Counterterrorism office where she provided technical and policy analysis for nuclear counterterrorism and intelligence activities from 2007 to 2010. Her previous professional experience includes policy and program analysis for the Assistant Secretary of the Army (Army Acquisition, Logistics, and Technology), the U.S. Air Force, and the Missile Defense Agency, where she worked on program management, strategic planning, defense policy, and configuration control issues.

Ms. Samples holds a Masters of Arts in National Security Studies from American Military University and a Bachelors of Science in Political Science from Old Dominion University. She is an active member of the Women in International Security (WIIS) and the Project on Nuclear Issues (PONI).

**ROBERT SHENEMAN, CPG**

Deputy Head, Environment, Safety, Health & Security Department  
Head, Office of Export Control  
Princeton Plasma Physics Laboratory

Robert Sheneman has over 25 years of experience in environmental remediation, sustainability, supply chain, security and emergency management. Mr. Sheneman is currently Deputy Head of Environment, Safety, Health & Security Department and head of the Office of Export Control at the U.S. Department of Energy's Princeton Plasma Physics Laboratory (PPPL). In this role, he leads a group of professional and technical staff in management of the Laboratory's programs in the areas of environmental protection, occupational safety, radiation protection, security, export control, and emergency management. Mr. Sheneman serves on Princeton University's Sustainability Committee and the Advisory Board of the Rutgers School of Public Health's Centers for Education and Training, and previously served on the Department of Energy's Sustainability Integration Team. Mr. Sheneman is a Certified Professional Geologist and is a graduate of the University of Rochester.

**JAE SHIN**

**SENIOR COMPLIANCE OFFICER  
OFFICE OF DEFENSE TRADE CONTROLS COMPLIANCE  
DEPARTMENT OF STATE**

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**KATIE STRANGIS**

Katie Strangis is an attorney practicing law in the Office of the General Counsel for the National Nuclear Security Administration (NNSA) of the US Department of Energy, a position she has held since 2008. Prior to that, she provided legal advice in the General Counsel's Office of the main Department of Energy. In NNSA, Ms. Strangis is a subject matter expert in such areas as nuclear export controls, bilateral civil nuclear cooperation ("123") agreements, and international law with regard to nuclear nonproliferation matters. She mainly works with the Office of Defense Nuclear Nonproliferation and the Office of Defense Programs within NNSA. Ms. Strangis also provides more general advice relating to national security law, ethics and information law. Ms. Strangis speaks frequently at conferences on nuclear export control matters.

Prior to joining NNSA, Ms. Strangis advised DOE clients on matters relating to FOIA, the Privacy Act, ethics, and employee relations, beginning with DOE in 2004 following a short stint at the Office of Federal Housing Enterprise oversight (the regulator of Freddie Mac and Fannie Mae).

Ms. Strangis is originally from Niagara Falls, New York. She received her juris doctor degree from the

Syracuse University College of Law in 2003 and her bachelor's degree, with distinction, from the University of Rochester in 1998. Prior to law school, she served as a paralegal at Covington & Burling in Washington DC. She is licensed to practice in New York and the District of Columbia.

### **ETHAN TANNER**

Ethan Tanner works for the Office of Nuclear Weapon Surety & Quality where he is a Nuclear Explosive Safety Chair-in-Training. Additionally he is a Federal Team Leader for Emergency Operation's Joint Technical Operation Team. Ethan is a graduate of NNSA's Future Leader Program. Prior to NNSA, Mr. Tanner served in the Marine Corps infantry. He also provided diplomatic personnel security in Iraq, working for DynCorp and Black Water. Mr. Tanner holds a Bachelors of Science and a Masters of Science in Electrical Engineering from the University of New Mexico.

### **Tom Tierney**

Tom Tierney is currently co-chair of Department of Commerce's Emerging Technologies and Research Advisory Committee which advises the Bureau of Industry and Security on emerging technology issues as well as the impact of deemed export regulations on fundamental research environments. He is also a member of the Board of Directors for the Institute for Electrical and Electronics Engineering (IEEE)-USA as well as the chairman of the IEEE-USA R&D Policy Committee.

Tom is a physicist and Senior Project Leader in the International and Applied Technologies group at Los Alamos National Laboratory (LANL) where he supports research and development of counterterrorism and nonproliferation technologies as well as research in advanced diagnostics and detectors. Tom has collaborated domestically and internationally, including leading experiments at Sandia National Laboratory's Z accelerator, University of Rochester's OMEGA laser, Brookhaven's National Synchrotron Light Source, and LANL's TRIDENT laser facility.

As the 2009 IEEE Engineering and Diplomacy Fellow in the U.S. Department of State, he supported the Office of the Coordinator for Counterterrorism by providing technical advice on counterterrorism and nuclear policy. He received the U.S. Department of State's Meritorious Honor Award for his work there.

He received an A.A. degree in foreign languages from Saddleback College, a B.S. degree in astrophysics and a M.S. in physics from the University of California at Irvine. He completed his Ph.D. thesis on strongly coupled plasmas at LANL and UC Irvine in 2002. Tom has coauthored over 150 unclassified and classified journal articles and reports in the areas of high energy density physics, laser systems, dynamic materials sciences, radiation transport, radiation hydrodynamics, inertial confinement fusion, and nuclear policy.

### **Brandon Van Grack**

Brandon Van Grack is a trial attorney in the Counterespionage Section (CES) of the National Security Division at the Department of Justice. At CES, Mr. Van Grack supervises and prosecutes cases involving violations of export controls and related laws across the United States, and has successfully prosecuted export violations involving both United States and foreign parties. Mr. Van Grack regularly works closely with agents from the Federal Bureau of Investigation, Department of Homeland Security, and Department of Commerce. Prior to his work at the Department of Justice, Mr. Van Grack was a trial attorney at Baker Botts LLP, specializing in white collar criminal defense and complex corporate litigation.

### **ANDREW WALL**

Andrew Wall is pursuing the degree of Doctor of Business Administration with concentration in



Homeland Security and Policy. His research is focused on the interaction of export control as it aligns with homeland security through application of a statistical binomial distribution measuring success and failure of export control in order to ascertain a reliable approximation of domestic security threats. He holds an M.A. in Management – summa cum laude and B.S. in Political Science. Andrew holds the professional designation of Certified Fraud Examiner from the Association of Certified Fraud Examiners and is a recognized expert in prevention, detection, and deterrence of fraud.

Andrew has over 25 years of law enforcement and security experience. From 1987-1994 Andrew was a member of the United States Air Force with service in the European Theatre during the Gulf War. Following military service, he spent 11 years in law enforcement. His career includes employment with South Carolina's largest sheriff's office as an Economic Crimes Investigator. While working white collar crimes cases, he investigated identity theft, forgery, embezzlement, bank fraud, credit card fraud, robbery, and homicide. During his law enforcement tenure, he was invited to lecture as a guest instructor at Greenville Technical College. In 2005, he joined Los Alamos National Laboratory as Principal Investigator within the Internal Inquiries office. Andrew led the investigation team in examining complaints of fraud, waste, and abuse, combined with gathering intelligence in cases of potential espionage. Since 2009, Andrew has supported national and global security programs with a focus on science, technology, and engineering. A component of his work includes risk assessment and mitigation strategies while educating stakeholders on export control.

#### **Biography**

#### **Jim Wilhelm**

**Export/Import Compliance Analyst  
Sandia National Laboratories  
Livermore, CA**

As the Export/Import Compliance Analyst for Sandia National Laboratories, California Site, Jim Wilhelm coordinates all export and import control activities including preparing and submitting export license applications, processing international shipments and imports, reviewing and approving International Hand-carries and Foreign National Requests, conducting High-Risk Property reviews, and consulting with the science and engineering organizations to address export control issues. He has been doing this work since the Spring of 2010.

Jim Wilhelm has over 35 years of experience with technology transfer and commercialization of government laboratory technologies. Since January, 2003, he has worked at Sandia National Labs in Livermore, CA with licensing of advanced polymers, laser optical sensors, miniature chemical and biological sensor components, and nuclear radiation detectors for Homeland Security. He is also business development manager for Sandia National Laboratories' work with the Domestic Nuclear Detection Office, U.S. Department of Homeland Security. From 1999 through 2002, Jim did business development and strategic planning consulting for manufacturers in the San Francisco Bay Area for the Corporation for Manufacturing Excellence, a NIST Manufacturing Partnership Center. Prior to that, he was Deputy Director of the NASA Mid-Continent Technology Transfer Center at Texas A&M University for 7 years and Market Development Manager for Measurement Instrumentation at Fisher Controls International, Inc., for 7 years. While at SRI International from 1973 to 1985, Jim was Manager of the NASA Technology Applications Team, a Technology Consultant, and a Materials Scientist. He has a BS in Materials Science Engineering from the University of California, Davis and an MBA from Santa Clara University.

#### **Mr. Todd E. Willis**

Mr. Willis is the Director of the Munitions Control Division within BIS, and as such is playing a central

role in the implementation of the current Export Control Reform efforts.

Before recently returning to BIS, Willis was the Division Chief for the Dual-Use Licensing Division within the Defense Technology Security Administration (DTSA). In this position he supervised a staff of civilian and military personnel who provided the official DOD decision on dual-use export licensing reviews.

Prior to joining the DTSA, Mr. Willis was the Assistant Director for the Office Enforcement Analysis within BIS. His responsibilities then included managing the BIS end-use check program which included analyzing U.S. export transactions and coordinating foreign end-user visits. In addition, Mr. Willis also managed the BIS Export Control Officers who are special agents stationed abroad in China, Hong Kong, India, Russia and the United Arab Emirates.

Previous to this assignment within BIS, Mr. Willis was the Senior Export Policy Advisor for the Office of National Security and Technology Transfer Controls. In this role Mr. Willis was also named the Department of Commerce White House Liaison to the academic and research community for export control issues.

Before joining the Department of Commerce for the first time, Mr. Willis was the Economic Development and Public Policy Director for the Oakland Metropolitan Chamber of Commerce in Oakland, California. In conjunction with this position, Mr. Willis was also an adjunct professor for California State University, Hayward School of Business and Economics and founded Global Trade Alliance Corporation a trade consulting firm. This followed over ten years of industry experience concentrating in the finance and technology fields. Prior to that Mr. Willis spent 6 years in the United States Army as an Armor and Intelligence Officer.

Mr. Willis graduated cum laude with a Master of Business Administration Degree from California State University, Hayward and has a Bachelor of Arts in Political Economics from the University of the Pacific.